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Effective 01/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

Application Number	09/935,726-Conf. #3533
Filing Date	August 24, 2001
First Named Inventor	Jing-Shan Hu
Examiner Name	R. Landsman
Art Unit	1647
Attorney Docket No.	PF112P3D1C1

METHOD OF PAYMENT (check all that apply)

<input type="checkbox"/>	Check	<input type="checkbox"/>	Credit Card	<input type="checkbox"/>	Money Order	<input type="checkbox"/>	Other	<input type="checkbox"/>	None
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☒ Deposit Account

**Deposit
Account
Number**

08-3425

Deposit
Account
Name

Human Genome Sciences, Inc.

The Director is hereby authorized to: *(check all that apply)*

<input checked="" type="checkbox"/>	Charge fee(s) indicated below	<input checked="" type="checkbox"/>	Credit any overpayments
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<input checked="" type="checkbox"/>	Charge any additional fee(s) during the pendency of this application
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Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity
<p>1. Revenue Recognition</p> <p>Large entities use the percentage-of-completion method, which recognizes revenue and profit as the contract progresses. This method requires estimating the total contract value and the proportion of work completed.</p> <p>Small entities typically use the cost-of-sales method, which recognizes revenue only when the contract is completed. This method is simpler and less prone to manipulation.</p>	<p>1. Revenue Recognition</p> <p>Small entities use the cost-of-sales method, which recognizes revenue only when the contract is completed. This method is simpler and less prone to manipulation.</p>
<p>2. Asset Valuation</p> <p>Large entities use the lower of cost or market rule, which requires valuing inventory at the lower of its historical cost or its current market value. This method is more complex and requires frequent market valuations.</p> <p>Small entities typically use the cost method, which values inventory at its historical cost. This method is simpler and less prone to manipulation.</p>	<p>2. Asset Valuation</p> <p>Small entities use the cost method, which values inventory at its historical cost. This method is simpler and less prone to manipulation.</p>
<p>3. Liability Recognition</p> <p>Large entities use the accrual method, which recognizes liabilities as they are incurred, regardless of when they are paid. This method is more complex and requires frequent accruals.</p> <p>Small entities typically use the cash method, which recognizes liabilities only when they are paid. This method is simpler and less prone to manipulation.</p>	<p>3. Liability Recognition</p> <p>Small entities use the cash method, which recognizes liabilities only when they are paid. This method is simpler and less prone to manipulation.</p>

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)	(\$)	0.00
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2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

			Extra Claims		Fee from below		Fee Paid
Total Claims	90	-76** =	14	x	18.00	=	252.00
Independent Claims	14	-12** =	2	x	84.00	=	168.00
Multiple Dependent						=	

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Expense Recognition	Expenses are recognized when the related asset is consumed or the liability is incurred.	Expenses are recognized when the related asset is consumed or the liability is incurred.
3. Asset Recognition	Assets are recognized when the company has control over a resource that is expected to generate future economic benefits.	Assets are recognized when the company has control over a resource that is expected to generate future economic benefits.
4. Liability Recognition	Liabilities are recognized when the company has a present obligation to transfer an asset or provide a service in the future.	Liabilities are recognized when the company has a present obligation to transfer an asset or provide a service in the future.
5. Equity Recognition	Equity is recognized as the residual interest in the assets of the company after deducting liabilities.	Equity is recognized as the residual interest in the assets of the company after deducting liabilities.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)	(\$)	420.00
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FEE CALCULATION (continued)

3. ADDITIONAL FEES

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Leases	Leases are classified as either finance leases or operating leases. Finance leases are capitalized on the balance sheet, while operating leases are expensed as incurred.	Leases are classified as either finance leases or operating leases. Finance leases are capitalized on the balance sheet, while operating leases are expensed as incurred.
3. Goodwill	Goodwill is an intangible asset that arises from the acquisition of a business. It is measured as the excess of the purchase price over the fair value of the identifiable intangible assets.	Goodwill is an intangible asset that arises from the acquisition of a business. It is measured as the excess of the purchase price over the fair value of the identifiable intangible assets.
4. Research and Development	Research and development costs are expensed as incurred.	Research and development costs are expensed as incurred.
5. Employee Compensation	Employee compensation is expensed as incurred.	Employee compensation is expensed as incurred.
6. Income Taxes	Income taxes are expensed as incurred.	Income taxes are expensed as incurred.
7. Financial Instruments	Financial instruments are classified as either debt or equity. Debt is measured at amortized cost, while equity is measured at fair value.	Financial instruments are classified as either debt or equity. Debt is measured at amortized cost, while equity is measured at fair value.
8. Derivatives	Derivatives are classified as either cash flow hedges or fair value hedges. Cash flow hedges are measured at fair value, while fair value hedges are measured at fair value.	Derivatives are classified as either cash flow hedges or fair value hedges. Cash flow hedges are measured at fair value, while fair value hedges are measured at fair value.
9. Other	Other items include non-current assets, non-current liabilities, and non-current equity.	Other items include non-current assets, non-current liabilities, and non-current equity.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge – late filing fee or oath	
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive – unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid	SUBTOTAL (3)	(\$)	0.00
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SUBMITTED BY

Name (Print/Type)	Melissa J. Pytel
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Registration No. (Attorney/Agent)	41,512
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Complete (if applicable)

Telephone	(301) 610-5764
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Signature

Date _____

9/9/03